

PTO/SB/44 (3-88)

Approved for use through 03/30/2000. OMB 0861-0071
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED
UNINTENTIONALLY UNDER 37 CFR 1.137(b)

Docket Number (Optional)

First named inventor: KEEFER, BOWIE G.

Application No.: 08/637/176

Group Art Unit: 1724

Filed: 04/24/96

Examiner: ROBERT H. SPITZER

Title: FLOW REGULATED PRESSURE SWING ADSORPTION SYSTEM

Attention: Office of Petitions
Assistant Commissioner for Patents
Box DAC
Washington, D.C. 20231NOTE: If information or assistance is needed in completing this form, please contact Petitions
Information at (703)305-9282.The above-identified application became abandoned for failure to file a timely and proper reply to the Office
action mailed on 07/31/98 which set a 3 month/day period for reply.
The abandonment date of this application is 11/01/98 (i.e., the day after the
expiration date of the period set for reply plus any extensions of time obtained therefor).

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

NOTE: A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee -- required for all utility and plant applications filed
before June 8, 1995, and for all design applications; and
- (4) Statement that the entire delay was unintentional.

1. Petition fee

- ☒ Small entity - fee \$ 660 (37 CFR 1.17(m))
- ☐ Small entity statement enclosed herewith.
- ☒ Small entity statement previously filed.
- ☐ Other than small entity - fee \$ _____ (37 CFR 1.17(m))

2. Reply and/or fee

A. The reply and/or fee to the above-noted Office action in

the form of FORMAL DRAWINGS (identify type of reply):

- ☒ has been filed previously on 06 July 1998.
- ☒ is enclosed herewith.

B. The issue fee of \$ 660

- ☐ has been paid previously on _____.
- ☒ is enclosed herewith.

[Page 1 of 2]

Bureau Hours Statement: This form is estimated to take 1.0 hours to complete. Time may vary depending upon the needs of the individual case. Any
comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office,
Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents,
Washington, DC 20231.

PTO/SB/84 (3-88)

Approved for use through 08/30/2000. OMB 0851-0031
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

3. Terminal disclaimer with disclaimer fee

- ☐ Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.
- ☐ A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$_____ for a small entity or \$_____ for other than a small entity) disclaiming a period equivalent to the number of months from the date of abandonment to the filing of this petition is enclosed herewith.

4. Statement. The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. Check box A, or check box B and/or C as applicable and include an explanation of the delay on a separate sheet or on supplemental sheet PTO/SB/84A.

- ☒ A This petition is filed within three months of the date the applicant was first notified, or otherwise became aware, that the application was abandoned and within one year of the date of abandonment of the application.
- ☐ B This petition is not filed within three months of the date the applicant was first notified, or otherwise became aware, that the application was abandoned. A detailed explanation of the cause of the delay in filing the petition is attached on a separate sheet or on supplemental sheet PTO/SB/84A.
- ☐ C This petition is not filed within one year of the date of abandonment of the application. The applicant first became aware of the abandonment on _____. A detailed explanation of the delay in discovering the abandoned status of the application is attached on a separate sheet or on supplemental sheet PTO/SB/84A.

11/20/98

Date

Signature

Telephone

Number: 604) 454-1134 FX. 16

BOWIE G. KEEFER/DAVID S. DOMAN 07728799

Typed or printed name

6961 RUSSELL AVENUE

Address

BURNABY, BRITISH COLUMBIA

Enclosures: ☒ Fee Payment

CANADA V5J 4R8

☒ Reply☐ Terminal Disclaimer Form☐ Small Entity Status Form☐ Additional sheets containing statements establishing unintentional delay☐

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

- ☐ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Box DAC, Washington, D.C. 20231.
- ☐ transmitted by facsimile on the date shown below to the Patent and Trademark Office at (703) 308-6016.

Date

Signature

Typed or printed name of person signing certificate



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July 23, 1999

Francis Hicks
Lead Petitions Examiner
Office of Petitions
Office of the Deputy Assistant Commissioner
for Patent Policy and Projects
Washington, D.C. 20231

Fax # (703) 308-6916

Renewed Petition under 37 CFR 1.1137 (b)

Dear Ms. Hicks:

Further to a conversation with Ms. Latrice Bond earlier today, we are writing to request a reconsideration of the "petition for revival of an application for patent abandoned unintentionally for the following application:

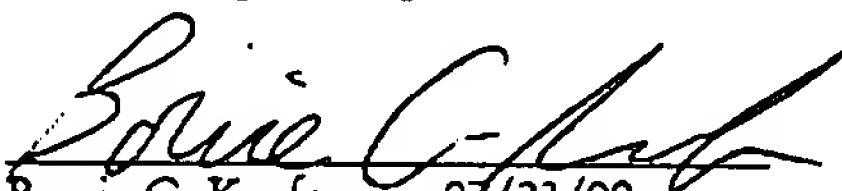
Application No.: 08/637/176
Filing Date: 04/24/96
Inventor: Bowie G. Keefer et al
Title of Invention: FLOW REGULATED PRESSURE SWING ADSORPTION

In response to the petition dismissal dated June 16, 1999, we are submitting a corrected copy of the petition originally filed on November 25, 1998 with the statement for unintentional delay signed by both applicants.

As requested, we have revised the amendment dated July 6, 1998 to include the signature of the second inventor. We have also corrected the street number for the address listed on the aforementioned amendment, as it is incorrect.

On page two, paragraph one of the dismissal, it was indicated that the petition lacks the statement of intentional delay. If required and as a supplement to the petition we are submitting the signed statement as follows:

"The entire delay in filing the required reply from the due date for the reply until the filing of a grantable petition pursuant to 37CFR 1.137 (b) was unintentional."


Bowie G. Keefer 07/23/99


David G. Doman 07/23/99

Thank you for your assistance with this matter and please advise if there are any further requirements.

Yours truly,


Bowie G. Keefer

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. 08/637,176

Filing date: 04/24/96

Inventor: Bowie Gordon Keefer

Examiner: R.H. Switzer

Art Unit: 1724

Title of Invention: "Flow Regulated Pressure Swing Adsorption"

6 July 1998

The U.S. Commissioner of Patents and Trademarks

U.S. Patent and Trademark Office

Washington, D.C. 20231

U.S.A.

Sir:

RESPONSE

This is in response to Office Letter dated 05/12/98.

AMENDMENT

Please enter the following amendments, for grammatical or typographical errors, and for inconsistencies between numerals in the disclosure text and the figures.

Disclosure

On page 10, line 33, please correct "centred" to "centered".

On page 14, lines 1, 18 and 34, please delete "said".

On page 15, line 34, please delete "the".

On page 16, line 24, please delete "the".

On page 26, line 31, between "154," and "countercurrent", please insert "actuator 163 for valve 132".

On page 27, line 16, please correct "achieved" to "achieve".

On page 35, line 20, please substitute "as" for "ass".

On page 44, line 33, please delete "to chamber 107" and "thence".

On page 52, line 26, please substitute "603" for "601".

On page 52, line 26, please substitute "613 - 617" for "611- 615".

On page 53, line 8, please correct "somewhat" to "somewhat".

FIGURES

Figure 11 has been corrected to include number "450" (upper left hand corner).

CLAIMS

In claim 3, line 8, please delete "said", and replace the ending "," (comma) with "." (period).

In claim 15, line 4, please correct "presure" to "pressure".

In claim 22, part (c), line 15, please delete "said".

In claim 22, part (d), line 17, please delete "said".

In claim 31, line 6, please delete "said".

COMMENTS

Applicant wishes to thank the examiner for his careful review of the pending application, which should now be ready for allowance.

Please note applicant's change of business address, to which correspondence may be addressed:


Bowie G. Keefer, Technical Director
Questor Industries Inc.
6961 6171 Russell Ave.
Burnaby, B.C. V5J 4R8

Telephone: (604) 454-1134, ext. 16

Yours sincerely,


Bowie Gordon Keefer

6 July 1998


DAVID G. DOMAN

23 July 1999

6961 Russell Avenue., Burnaby, British Columbia Canada V5J 4R8
Tel: (604) 454-1134 Ext. 18 Fax: (604) 454-1137

**Questor Industries
Inc.**

Fax

To: Francis Hicks – Office of Petitions **From:** Bowie Keefer / Sharon MacLellan

Fax: (703) 308-6916 **Pages:** 6

Phone: (703) 305-8680 **Date:** 07/23/99

Re: Petition for Revival - # 08/637,176 **CC:**

☐ **Urgent** ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

Please call (604) 454-1134 Extension 18 if there are any problems with this transmission.

Thank you,

Sharon MacLellan

*** ACTIVITY REPORT ***

RECEPTION OK

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